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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/518,650	03/03/2000	Dale C McCarthy	CTI-103	5794

7590 05/07/2003

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CHICAGO, IL 60440-0807

EXAMINER

LEON, EDWIN A

ART UNIT	PAPER NUMBER
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2833

DATE MAILED: 05/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/518,650

Applicant(s)

MCCARTHY, DALE C

Examiner

Edwin A. León

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 4-11, 14, 19, 20, 22, 24, 25, 28-30, 32-35 and 37-44 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-11, 24, 28-30, 32, 33 and 38-42 is/are allowed.
- 6) ☒ Claim(s) 14, 19, 20, 22, 25, 34, 35, 37, 43 and 44 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 20.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment and Request for Continued Examination filed April 2, 2003 in which Claims 4, 8-9, 14, 19-20, 22, 24-25, 28, 30-35 have been amended; Claims 1-3, 12-13, 15-18, 21, 23, 26-27 and 36 have been cancelled and new Claims 37-44 have been added, has been place of record in the file as Papers No. 18 and 19, respectively.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 14, 19-20, 22, 25, 34-35, 37, and 43-44 are rejected under 35 U.S.C. 102(b) as being anticipated by Gutter et al. (U.S. Patent No. 4,739,126). With regard to Claims 34-35, 37 and 43-44, Gutter et al. discloses an electrical connector (10), comprising: a housing (12) having an open end; at least one clamping arm (means for penetrating) (14) disposed in the housing (12) so as to surround an insulated electrical conductor (20), means (21b) for inserting an insulated electrical conductor (20)

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into the open end of the housing (12) such that the at least one clamping arm (means for penetrating) (14) and means (cylindrical compression cap) (16,18) for engaging or urging the clamping arms (means for penetration 16) having an end wall apertured to receive an electrical coaxial cable (20) and having a sidewall with an outer periphery sized for engaging an inner periphery of the housing (12), wherein once the first end of the at least one clamping arm (means for penetrating) (14) penetrates an outer insulation layer (74) of the electrical cable (20) and the end of the electrical cable (20) being inserted into the first end of the housing (12), the cap (16,18) can be inserted into the first end of the housing (12) such that the at least one clamping arm (means for penetrating) (14) is secured in place, and the means (cylindrical compression cap) (16,18) for engaging or urging the clamping arms (means for penetration 16) having a sidewall sized at its outer periphery for engaging the inner periphery of the housing (12), the pointed end (tip of 43) of the conductive clamp (14) being ramp shaped and the end of the side wall of the means (cylindrical compression cap) (16,18) for engaging or urging the clamping arms (means for penetration 16) being complementarily ramp (57) shaped so that upon mutual engagement longitudinally along the axis of the housing (12), the pointed end of the conductive clamp (14) being driven radially toward the axis of the housing (12). See Figs. 1-3.

With regard to Claim 14 and 20, Gutter et al. discloses the first end of the at least one clamping arm (means for penetrating) (14) having a beveled edge (43), wherein as the cap (16,18) is inserted into the first end of the housing (12) a beveled edge (43) of the cap (16,18) pushes the beveled edge (43) of the at least one clamping arm (means

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for penetrating) (14) such as to cause the first end of the at least one clamping arm (means for penetrating) (14) to penetrate into the outer insulation layer (74) of the insulated conductor (26). See Figs. 1-3.

With regard to Claim 19, Gutter et al. discloses the at least one clamping arm (means for penetrating) (14) being integral with the housing (12). See Figs. 1-3.

With regard to Claim 22, Gutter et al. discloses the cap (16,18) threadably engaging the housing (12). See Figs. 1-3.

With regard to Claim 25, Gutter et al. discloses the housing (12) being adapted to receive the end of the insulated electrical conductor (20) which has a portion of the inner insulation layer (74) and center conductor (71) protruding from an otherwise flush end of the insulated electrical conductor (20), wherein the portion of the center conductor (71) protrudes from the protruding portion of the inner insulation layer (73) such that the protruding portion of the inner insulation layer (73) acts to electrically insulate the center conductor (71) from the housing (12) and the protruding center conductor (71) protrudes into a second end of the connector (10). See Figs. 1-3.

Allowable Subject Matter

4. Claims 4-11, 24, 28-33, and 38-42 are allowed for the reasons stated on the Office Action of December 31, 2002.

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Response to Arguments

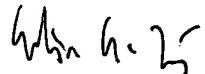
5. Applicant's arguments with respect to claims 22, 37, and 43-44 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Edwin A. León whose telephone number is (703) 308-6253. The examiner can normally be reached on Monday - Friday 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Paula A. Bradley can be reached on (703) 308-2319. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.


Edwin A. Leon
AU 2833

EAL
May 3, 2003

P. AUSTIN BRADLEY
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